

Colorado Wind for Schools Program

Host School Checklist

Revised November 30, 2007

Define school wind project elements with a number 1-9, 9 being complete

- ☐ I have determined that a sufficient wind resource exists at the proposed site (for this program, a Class 2 or better annual average wind speed) by either
 - interpolating from the Colorado Wind Map for the proposed site, or
 - consulting anemometry data from on or near the proposed site.
- ☐ I have located one or more candidate turbine sites that appear to be free from 50' or higher obstruction for one hundred yards or more. From this short list of sites we propose to select one, typically near the school so that we can
 - reduce the cost of installation and data capture,
 - ease the demonstration of physical principles to students,
 - observe & display turbine operation to the school/community, and
 - readily perform necessary periodic maintenance.
- ☐ I have gained agreement of the teacher (typically, science, math or economics) who will be the initial "curriculum champion" for the turbine among teaching staff at the school; this person has agreed to communicate the facts and timing of the installation to other school staff, and to encourage the involvement of appropriate school clubs, other academic disciplines, and students.
- ☐ I have gained the agreement of the principal and superintendent, as indicated by the Declaration of Intent, and they have agreed that the turbine will be a good addition to the instructional assets and capabilities of the school, specifically that the turbine project
 - Appears to be worth investing teacher and facilities staff time to assist in its installation, operation and maintenance, and
 - Appears to be worth the investment of school funds to leverage the contribution by others to its total first cost (reducing the out-of-pocket expense from a range of \$12,000-15,000, typically, to a range of \$1,500 to \$3,000 for a standard installation).
- ☐ I have gained the agreement of the school board, representing community interests and concerns with cost, performance, esthetics, and contribution to a learning atmosphere.
- ☐ I have gained the agreement of the local electric utility to assist with an in-kind construction contribution, recognizing that the utility is the local expert on electricity, power safety, and power facility construction, and the most visible and credible community resource for information on efficiency and alternative energy.
- ☐ I have made a presentation to the school's parent-teacher group to gain their cooperation, and to solicit and discuss their ideas for using the turbine as a demonstration and teaching aid in the school and community.

Information provider _____

Colorado Wind for Schools Program
Summary of Project Status, and Site Notes

School _____

Information Provider _____

☐ Wind resource – Notes _____

☐ Clear site – Notes _____

☐ Teacher champion – Notes _____

☐ Administration sign-on – Notes _____

☐ School board approval – Notes _____

☐ Utility cooperation – Notes _____

☐ Parent-teacher assent – Notes _____

☐ Total (should be 63) – Notes _____
